

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (previously presented) An office chair mounted on a movable base having an armrest that can be raised and lowered comprising:
  - (a) said office chair having a back;
  - (b) a bracket mounted on the back of said office chair at least about six inches above the plane of the top of the seat of said office chair, said bracket having a cavity;
  - (c) an armrest support having a first portion rotatably mounted within said bracket cavity and a second portion extending from said bracket to a position selected from the group consisting of the right and the left of a user wherein said user is positioned on the seat of said office chair and is facing away from the back of the chair;
  - (d) an armrest body mounted on the end of said armrest support distal to said bracket;
  - (e) a rotation lock which, when engaged, prevents said armrest support from rotating within said bracket, said rotation lock mounted in said bracket; and
  - (f) a rotation lock release member having a switch positioned on said armrest support near said armrest body.
2. (canceled)

3. (canceled)

4. (previously presented) A chair with an adjustable arm comprising:

- (a) a support for a back of said chair connected to a base of said chair;
- (b) a bracket mounted on said back support;
- (c) a first link pivotally mounted to said bracket mounted on said back support;
- (d) a second link pivotally mounted to said bracket mounted on said back support;
- (e) a second bracket pivotally mounted to the ends of said first and said second links at the end of each link distal to the bracket mounted on said back support; and
- (f) an armrest body mounted to said second bracket.

5. (previously presented) The chair with an adjustable arm of claim 4 further comprising a locking mechanism at the interface between (a) one of said links mounted to the bracket mounted on said back support and (b) said second bracket.

6. (previously presented) The chair with an adjustable arm of claim 4 further comprising

- (a) a third bracket mounted on said back support;
- (b) a third link pivotally mounted to said third bracket;
- (c) a fourth link pivotally mounted to said third bracket;

(d) a fourth bracket pivotally mounted to the ends of said third and said fourth links at the end of each link distal to the third bracket; and

(e) a second armrest body mounted to said fourth bracket.

7. (previously presented) The chair with an adjustable arm of claim 4 further comprising a slider-crank joint at the interface between one link and one bracket.

8. (canceled)

9. (canceled)

10. (canceled)

11. (previously presented) The chair with an adjustable arm of claim 4 further comprising said bracket mounted on said back support being at least about 6 inches above a rear portion of the seat of said chair.

12. – 19. (canceled)

20. (currently amended) In a chair comprising a back support, an adjustable armrest mechanism mounted to the back support, the adjustable armrest mechanism comprising:

- (a) an armrest;
- (b) at least two substantially parallel bars, each parallel bar comprising a first end and a second end, the first end pivotably mounted to the armrest, and ~~at least one~~<sup>the</sup> second end ~~movably~~ pivotably engaged with the back support;
- (c) a positioning means mounted to the back support, wherein the positioning means cooperates with the second end and the back support to movably engage the second end with the back support.

21. (previously presented) The adjustable armrest mechanism of claim 20 wherein the armrest comprises a terminal end, wherein the positioning means disengages the second end and the back support when the terminal end of the armrest is raised, which allows the armrest to move upward or downward along an arc of about 45 degrees, and wherein the positioning means reengages the second end and the back support after the armrest is adjusted to a new position.

22. (previously presented) The adjustable armrest mechanism of claim 20 wherein the positioning means comprises a first ratchet surface mounted to an interior wall of the back support and a locking bar mounted to the second end, wherein the locking bar comprises a second ratchet surface complementary to the first ratchet surface.

23. (previously presented) The adjustable armrest mechanism of claim 22 wherein the locking bar further comprises a spring engaged with a piston, the piston engaged with the interior wall of the back support to bias the positioning means toward engagement of the second end and the back support.

24. (canceled)

25. (previously presented) The adjustable armrest mechanism of claim 24 wherein the positioning means comprises at least two first ratchet surfaces mounted on opposite sides of an interior of the back support, and at least two locking bars mounted to the second ends, wherein the at least two locking bars comprise at least two second ratchet surfaces complementary to the first ratchet surfaces.

26. (currently amended) In a chair comprising a back support, an adjustable armrest mechanism mounted to the back support, the adjustable armrest mechanism comprising:

- (a) two armrests;
- (b) at least four substantially parallel bars, each parallel bar comprising a first end and a second end, the first end pivotably mounted to the armrest, and ~~at least one the~~ second end movably pivotably engaged with the back support;

(c) a positioning means mounted to the back support, wherein the positioning means cooperates with the second ends and the back support to movably engage the second ends with the back support.

27. (canceled)

28. (canceled)

29. (canceled)

30. (canceled)

31. (currently amended) In a chair, a pivotable armrest comprising:

(a) at least two parallel bars mounted to the chair, each of the parallel bars pivotably mounted to the chair at a first end and pivotably mounted to the armrest at a second end;

(b) a clevis base mounted between the second ends of the parallel bars with a pin, such that the armrest pivots in a horizontal plane around the pin; and

(c) an index arm mounted on the pin, wherein the index arm is restricted within a range of movement as the armrest pivots in the horizontal plane.

32. (previously presented) The pivotable armrest of claim 31 further comprising a means for locking and unlocking the armrest against pivoting.

33. (previously presented) The pivotable armrest of claim 32 wherein the means for locking and unlocking the armrest against pivoting comprises a sliding control within the reach of a user of the chair, and wherein the sliding control moves between a locked and unlocked position, the unlocked position allowing the index arm to move freely within the range of movement, and the locked position securing the index arm against movement.